(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 7 April 2005 (07.04.2005)

PCT

(10) International Publication Number WO 2005/030783 A1

(51) International Patent Classification7:

C07F 17/00

(21) International Application Number:

PCT/EP2004/010020

(22) International Filing Date:

7 September 2004 (07.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

03103599.1 60/509,892

29 September 2003 (29.09.2003) EP US 9 October 2003 (09.10.2003)

- (71) Applicant (for all designated States except US): BASELL POLYOLEFINE GMBH [DE/DE]; Brühler Strasse 60, 50389 Wesseling (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): GUIDOTTI, Simona [IT/IT]; Piazza della Pace, 5, I-40051 Altedo-Malabergo (IT). BALBONI, Davide [IT/IT]; Via Bastianino, 8, I-44100 Ferrara (IT).
- (74) Agent: SACCO, Marco; Basell Poliolefine Italia S.p.A., Intellectual Property, P.le G. Donegani, 12, I-44100 Ferrara (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE ISOMERIZATION OF METALLOCENE COMPOUNDS

(57) Abstract: An isomerization process comprising the step of contacting a slurry or a solution comprising the meso or meso-like form of one or more bridged metallocene compounds of group 4 of the Periodic Table of the Elements having C2 or C2-like symmetry with an isomerization catalyst of formula (I) [R₄W]+X- (I) wherein: W is a nitrogen or a phosphorus atom; R, equal to or different from each other, are C₁-C₄₀ hydrocarbon radicals and X⁻ is an halide atom.

